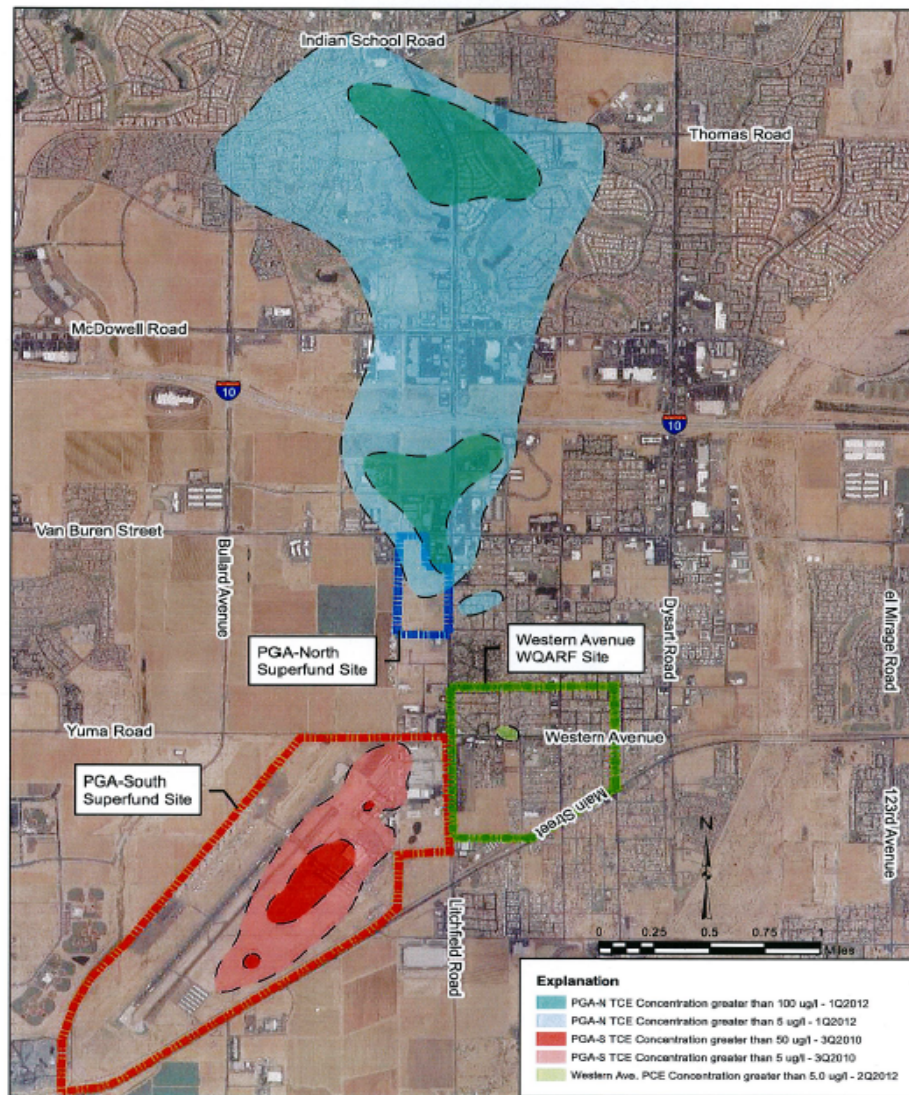


**Phoenix Goodyear Airport South
CAG Meeting of November 7, 2013
Travis Barnum**



PGA South Site



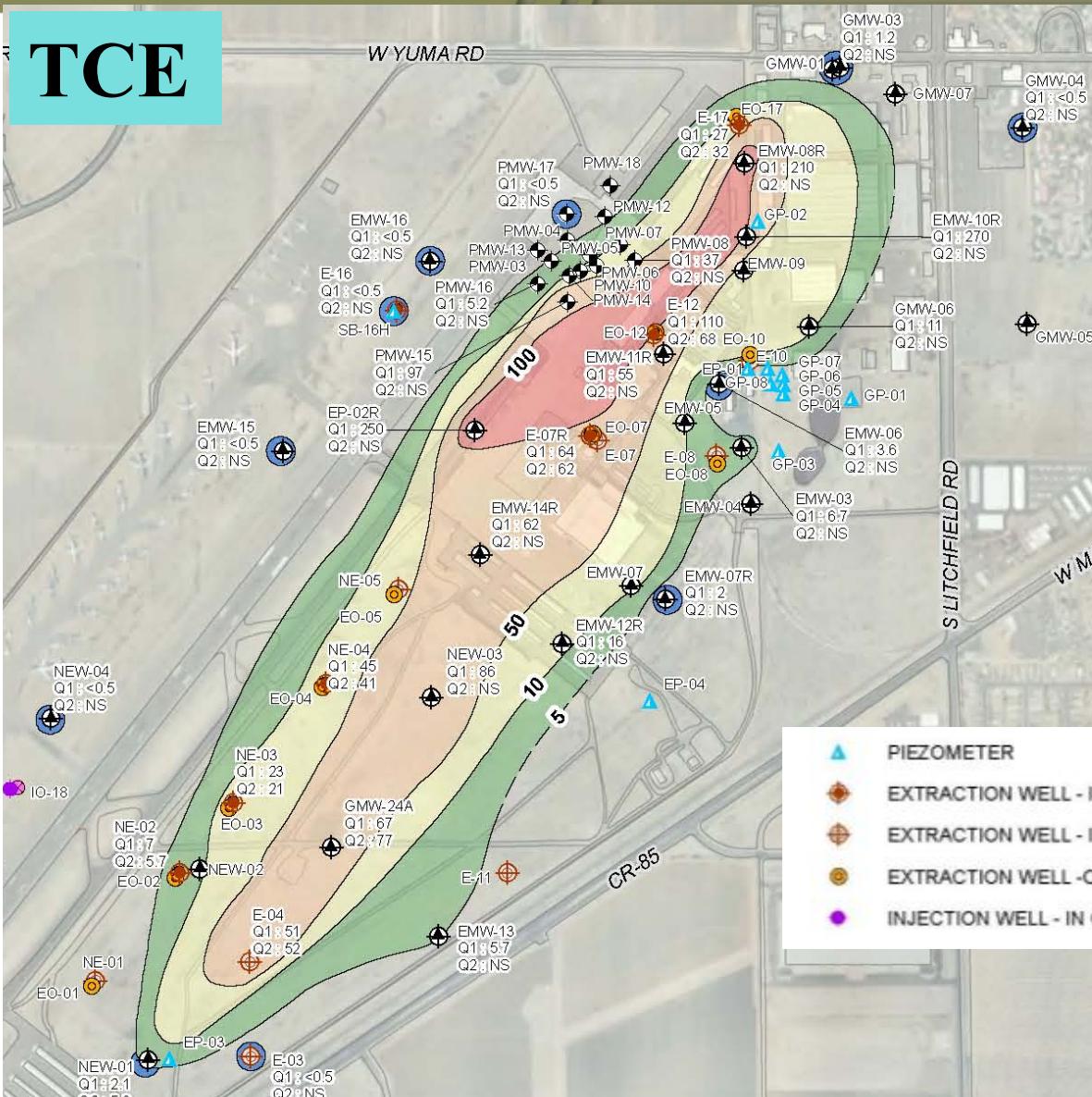
PHOENIX-GOODYEAR AIRPORT (PGA) AREA SITES SUBUNIT A PLUMES

TCE – Subunit A (1995 and 2013)

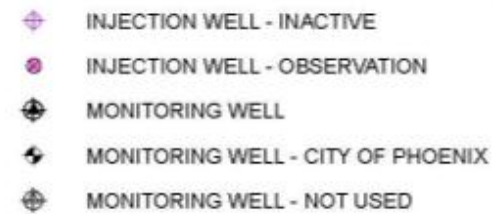
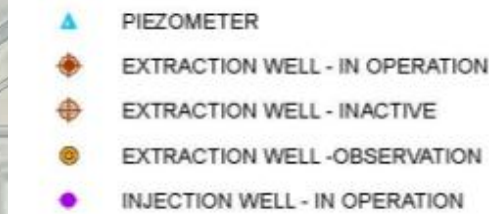


Q1 and Q2 Groundwater Monitoring Results – Subunit A

TCE

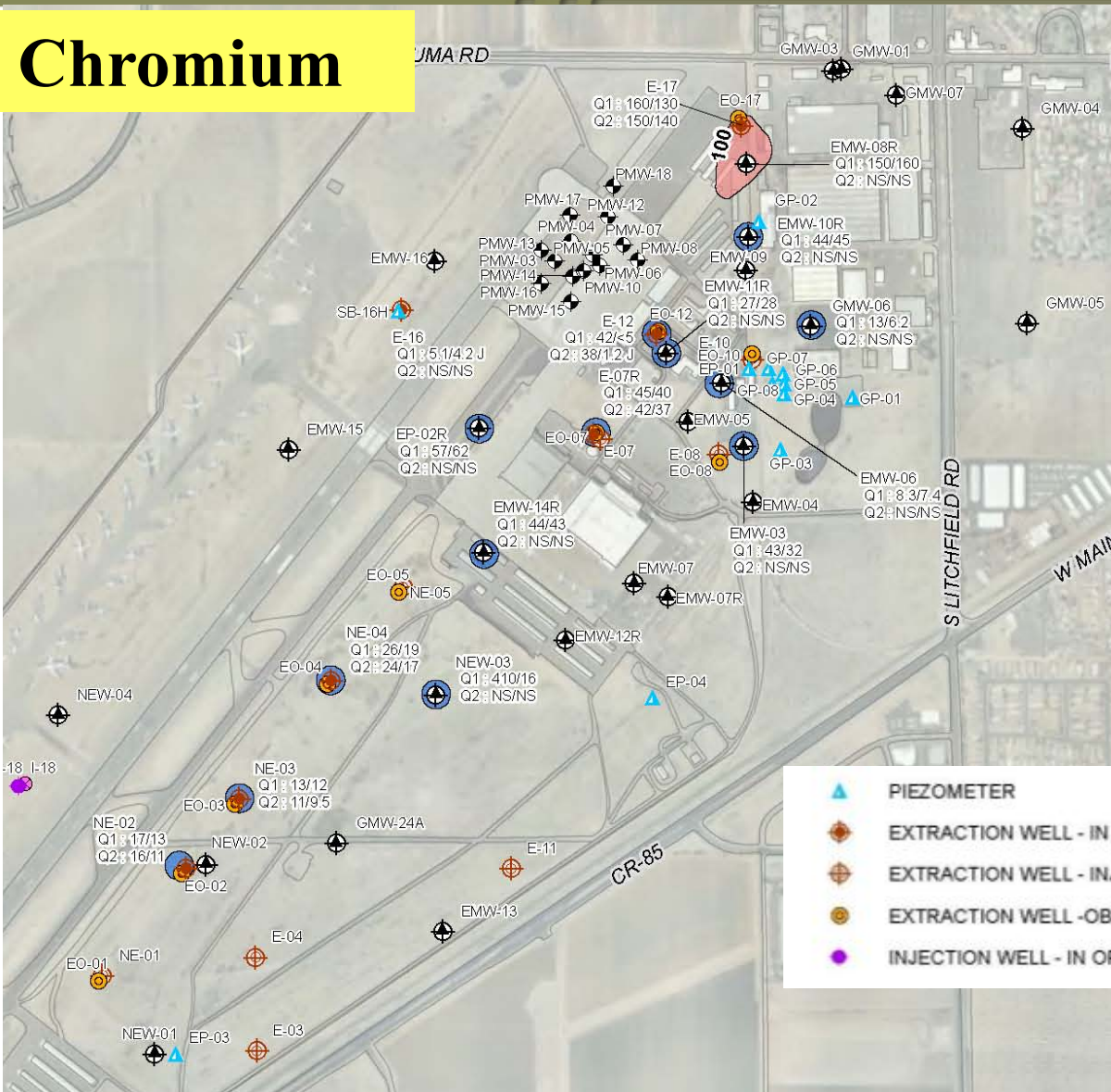


TCE CONCENTRATION (µg/L)



Q1 and Q2 Groundwater Monitoring Results – Subunit A

Chromium



DISSOLVED CHROMIUM CONCENTRATION (µg/L)

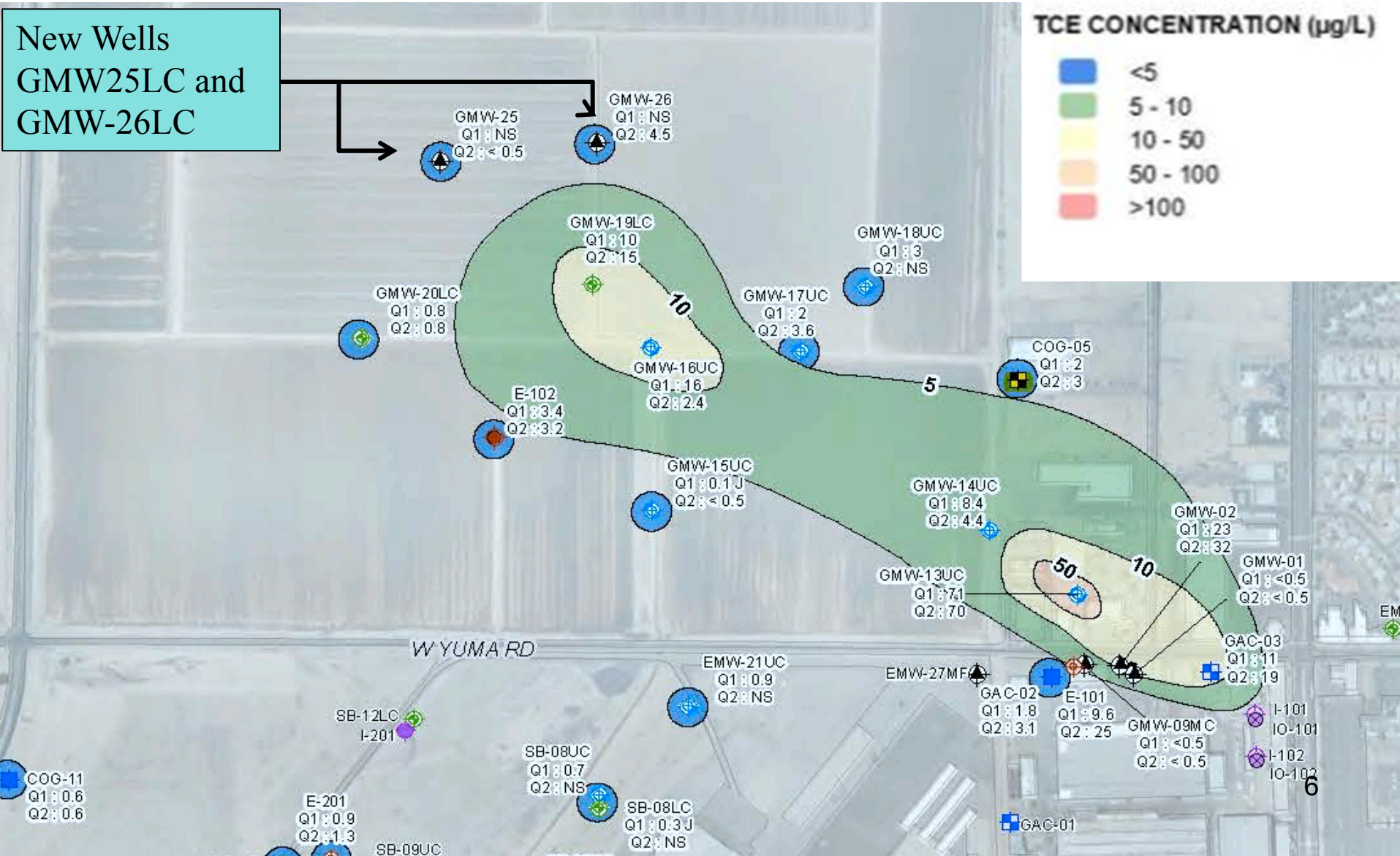
- <100
- >100

—100—
DISSOLVED CHROMIUM
ISOCONCENTRATION CONTOUR
BASED ON FIRST QUARTER 2013 DATA

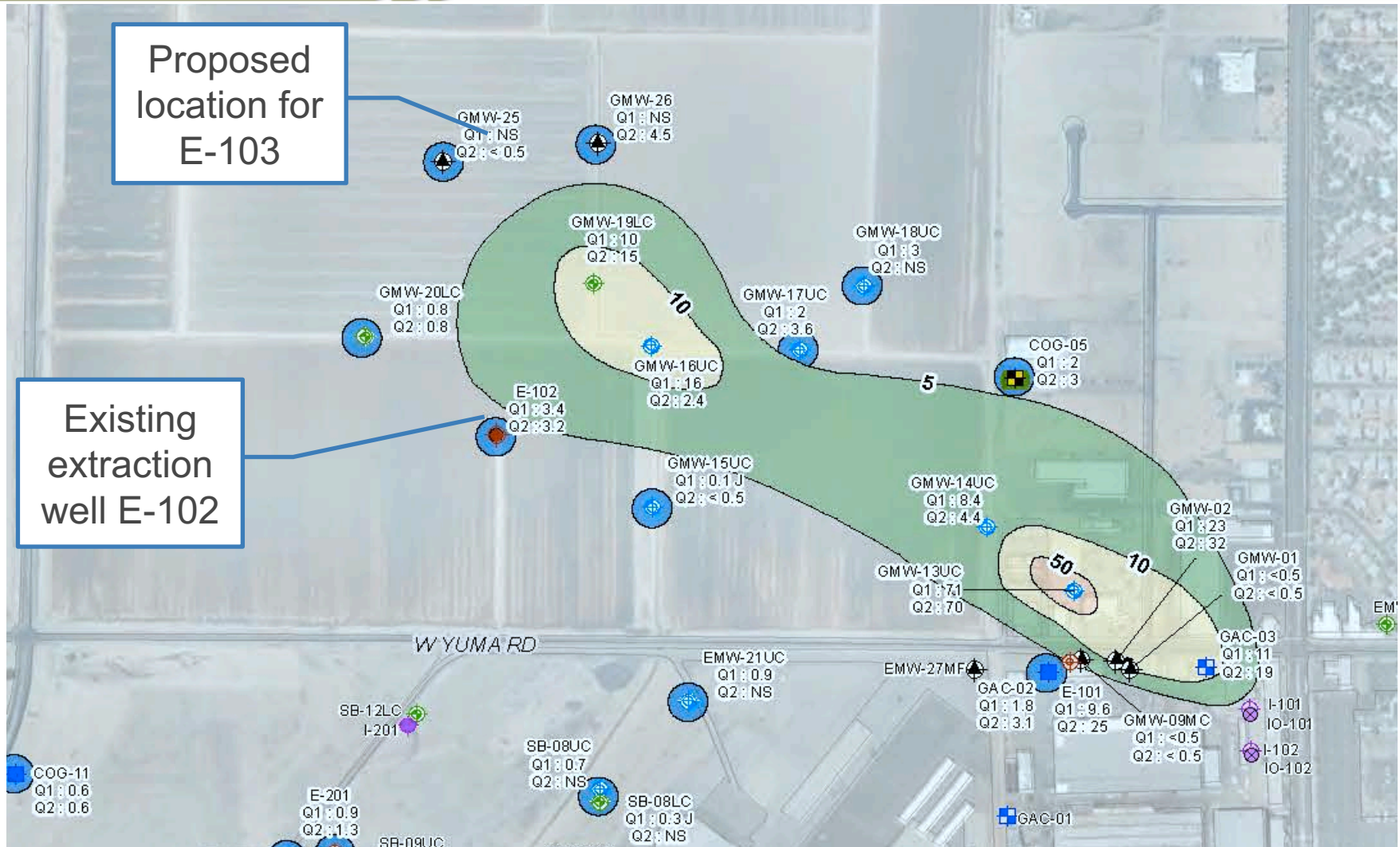
- ▲ PIEZOMETER
- EXTRACTION WELL - IN OPERATION
- EXTRACTION WELL - INACTIVE
- EXTRACTION WELL - OBSERVATION
- INJECTION WELL - IN OPERATION

- ◆ INJECTION WELL - INACTIVE
- ◆ INJECTION WELL - OBSERVATION
- MONITORING WELL
- MONITORING WELL - CITY OF PHOENIX
- MONITORING WELL - NOT USED

Current State of Subunit C North - TCE

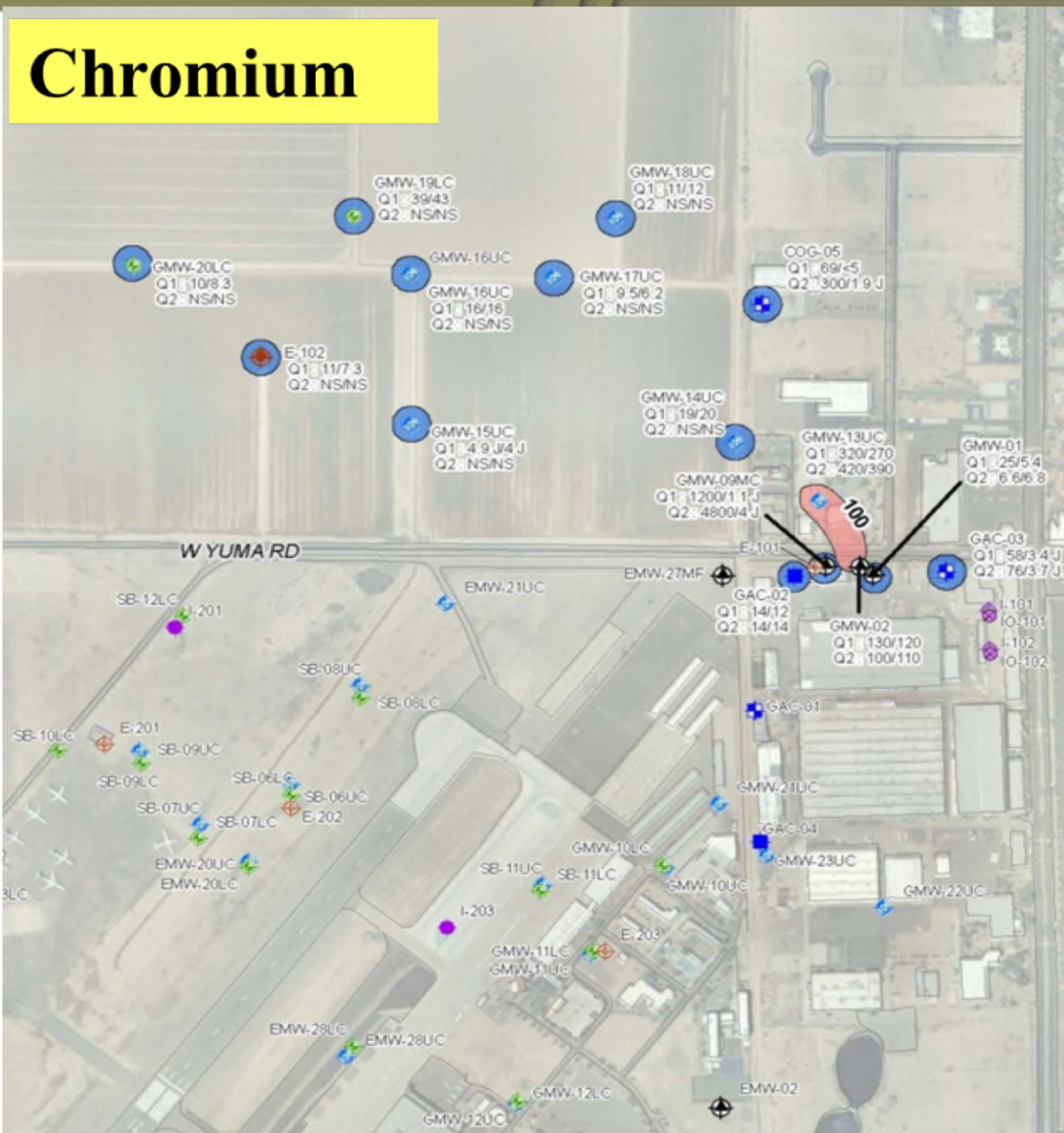


Additional Subunit C Extraction Well Location



Current State of Subunit C North - Chromium

Chromium



DISSOLVED CHROMIUM CONCENTRATION (µg/L)

Blue square: <100

Red square: >100

—100—
DISSOLVED CHROMIUM
ISOCONCENTRATION CONTOUR
BASED ON FIRST QUARTER 2013 DATA

- Groundwater Model
- DUER at Former Chromium Beds
- GAC-04 Replacement Status
- Chromium Investigation
- Lux Air Facility Development
- Beneficial Reuse of Treated Water

Status Update: Beneficial Reuse of Subunit C Treated Water

- Proposed water conveyance includes installation of a 6,000-foot long subsurface pipe from the Subunit C GWET to a COG connection at the Bullard Wash.
- GTRC is anticipating a letter from EPA to acknowledge that the proposed discharge complies with the requirements of the ROD.
- ADEQ provided a letter of support to COG in a letter dated January 28, 2013.
- GTRC has submitted Sub C Treatment System analytical results and ADEQ is finalizing substantive discharge monitoring requirements.
- Final engineering drawings were approved by COG, COP, and FAA.
- Pre-bid site visit was held 6 November.

Thank You-Questions

Travis Barnum

Project Manager

602-771-4196, tb6@azdeq.gov;

Wendy Flood

Community Involvement Coordinator

602-771-4410, ww1@azdeq.gov